UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

758

7590

10/05/2007

FENWICK & WEST LLP SILICON VALLEY CENTER 801 CALIFORNIA STREET MOUNTAIN VIEW, CA 94041 EXAMINER

ANDERSON, GUY G

ART UNIT PAPER NUMBER

2883

DATE MAILED: 10/05/2007

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/570,907	03/06/2006	Jac Chul Yong	24341-11349	1642

TITLE OF INVENTION: FIBER BRAGG GRATING SENSOR SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$720	\$300	\$0	\$1020	01/07/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

indicated unless correct maintenance fee notifica	ed below or directed of tions.	herwise in Block 1, by (a) specifying a new corr	espondence address	; and/or	(b) indicating a separ	correspondence address as ate "FEE ADDRESS" for	
CORRENT CORRESPOND	Fe	Note: A certificate of mailing can only be used for domestic mailings of the Fec(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.						
758		5/2007		Cei	rtificate	of Mailing or Transn	nissian	
FENWICK &			l h	creby certify that the	nis Fec(s	Transmittal is being	deposited with the United	
SILICON VALI			ad	dressed to the Mai	Stop I	SSUE FEE address a	bove, or being facsimile	
801 CALIFORN MOUNTAIN V			tra	I hereby certify that this Fee(s) Transmittal is being deposited w States Postal Service with sufficient postage for first class mail in addressed to the Mail Stop ISSUE FEE address above, or be transmitted to the USPTO (571) 273-2885, on the date indicated to				
MOUNTAIN	1LW, CA 34041						(Depositor's name)	
			_				(Signature)	
					T		(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTO	R	ATTOR	RNEY DOCKET NO.	CONFIRMATION NO.	
10/570,907	03/06/2006		Jac Chul Yong		2	24341-11349	1642	
TITLE OF INVENTION	I: FIBER BRAGG GRA	TING SENSOR SYSTEM	1					
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSU	E FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	YES	\$720	\$300	\$0		\$1020	01/07/2008	
EXAM	IINER	ART UNIT	CLASS-SUBCLASS					
ANDERSC	N, GUY G	2883	385-012000					
1. Change of corresponde CFR 1.363).	ence address or indication	n of "Fee Address" (37	2. For printing on the patent front page, list					
Change of corresp	ondence address (or Cha B/122) attached.	nge of Correspondence	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to					
	ication (or "Fee Address"							
PTO/SB/47; Rev 03-0 Number is required.	02 or more recent) attach	cd. Use of a Customer	2 registered patent att listed, no name will be	tent attorneys or agents. If no name is will be printed.				
3. ASSIGNEE NAME A	ND RESIDENCE DATA	A TO BE PRINTED ON	L	/pc)				
PLEASE NOTE: Uni	less an assignee is identi	ified below, no assignee	data will appear on the	patent. If an assign	ice is ide	entified below, the doc	cument has been filed for	
(A) NAME OF ASSI		oction of this form is NO	(B) RESIDENCE: (CIT	-				
(1) 111112 01 11021	J. 122		(b) rabibbitos. (err	i and strill on c	2001111	(1)		
Please check the appropr	iate assignee category or	categories (will not be pr	inted on the patent):	Individual Co	orporatio	on or other private grou	p entity Government	
4a. The following fee(s)	are submitted:	4t	o. Payment of Fee(s): (Ple	ase first reapply a	ny previ	ously paid issue fee st	nown above)	
Issue Fee	•		A check is enclosed.					
Publication Fee (N	☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).							
Advance Order - #	# of Copies		overpayment, to Dep	y authorized to char osit Account Numbe	rge the re er	equired fee(s), any defi (enclose an	ciency, or credit any extra copy of this form).	
5. Change in Entity Star								
	s SMALL ENTITY statu		☐ b. Applicant is no lo					
NOTE: The Issue Fee and interest as shown by the i	d Publication Fee (if requeecords of the United Sta	uired) will not be accepted tes Patent and Trademark	d from anyone other than Office.	the applicant; a regi	stered at	torney or agent; or the	assignee or other party in	
Authorized Signature				Data	•			
This collection of inform an application. Confident submitting the completed this form and/or suggesti Box 1450, Alexandria, V Alexandria, Virginia 223	ation is required by 37 C tiality is governed by 35 I application form to the ons for reducing this bur irginia 22313-1450. DO 13-1450.	FR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary den, should be sent to the NOT SEND FEES OR (on is required to obtain or 1.14. This collection is est depending upon the indice this chief Information Office Completed FORMS Towns of the completed forms of	retain a benefit by t timated to take 12 r vidual case. Any co er, U.S. Patent and O THIS ADDRESS	he public minutes to mments Tradema S. SEND	c which is to file (and be complete, including on the amount of time ark Office, U.S. Depart TO: Commissioner for	by the USPTO to process) gathering, preparing, and by you require to complete turner of Commerce, P.O. r Patents, P.O. Box 1450,	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correct maintenance fee notificated uniterated in the second second in the second seco	correspondence including descriptions.	ng the Patent, advance of herwise in Block 1, by (orders and notification of a) specifying a new corre	maintenance fees w spondence address;	rill be mailed to the curren and/or (b) indicating a sep	ti correspondence address as parate "FEE ADDRESS" for		
		lock I for any change of address)	Fee	Note: A certificate of mailing can only be used for domestic mailings of the Fec(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, mushave its own certificate of mailing or transmission.				
758	7590 10/05	5/2007	nav					
FENWICK & SILICON VALI 801 CALIFORN MOUNTAIN V	LEY CENTER NA STREET	,	I ho Sta add trar	Cere by certify that thi tes Postal Service w ressed to the Mail asmitted to the USP1	tificate of Mailing or Tran is Fec(s) Transmittal is bein with sufficient postage for fi Stop ISSUE FEE address FO (571) 273-2885, on the	smission ng deposited with the United rst class mail in an envelope s above, or being faesimile date indicated below.		
MOUNTAIN	IEW, CA 94041					(Depositor's name)		
			<u></u>			(Signature)		
						(Date)		
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/570,907	03/06/2006		Jac Chul Yong		24341-11349	1642		
TITLE OF INVENTION	I: FIBER BRAGG GRA	TING SENSOR SYSTEM	1					
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	FEE TOTAL FEE(S) DUI	DATE DUE		
nonprovisional	YES	\$720	\$300	\$0	\$1020	01/07/2008		
EXAM	IINER	ART UNIT	CLASS-SUBCLASS]				
ANDERSO	N, GUY G	2883	385-012000	_				
1. Change of corresponde CFR 1.363).	ence address or indicatio	n of "Fee Address" (37	2. For printing on the p					
	ondence address (or Cha B/122) attached.	inge of Correspondence	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a					
_								
PTO/SB/47; Rev 03-0 Number is required.	ication (or "Fee Address 2 or more recent) attach	"Indication form acd. Use of a Customer	2 registered attorney or a 2 registered patent atto listed, no name will be	cy or agent) and the names of up to nt attorneys or agents. If no name is will be printed.				
3. ASSIGNEE NAME A	ND RESIDENCE DATA	A TO BE PRINTED ON	THE PATENT (print or ty	pe)				
PLEASE NOTE: Unl	less an assignee is ident h in 37 CFR 3.11. Com	ified below, no assignee	data will appear on the p	atent. If an assigne	ee is identified below, the o	document has been filed for		
(A) NAME OF ASSIG		'	(B) RESIDENCE: (CITY					
					,			
			_	_				
Please check the appropr	iate assignee category or	categories (will not be pr	rinted on the patent):	Individual	rporation or other private gr	oup entity Government		
4a. The following fee(s)	are submitted:	41			y previously paid issue fee	shown above)		
Issue Fee	L	D	☐ A check is enclosed. ☐ Payment by credit card. Form PTO-2038 is attached.					
Advance Order -	lo small entity discount p	permitted)	The Director is hereby	d. Form PTO-2038 authorized to chare	is attached. The required fee(s) any decrease is a second of the required fee(s).	eficiency or credit any		
			overpayment, to Depo	sit Account Number	ge the required fee(s), any der(enclose a	an extra copy of this form).		
5. Change in Entity Stat	tus (from status indicated s SMALL ENTITY state		☐ h Annlicent is no lon	gar alaiming SMAI	L ENTITY status. See 37 C	VED 1 07(-)(0)		
						he assignee or other party in		
interest as shown by the	records of the United Sta	tes Patent and Trademark	Office.					
Authorized Signature				Date				
Typed or printed name Registration No								
Alexandra, Virginia 225	13-1730.				e public which is to file (an inutes to complete, including ments on the amount of tirademark Office, U.S. Dep SEND TO: Commissioner isplays a valid OMB control	d by the USPTO to process) ng gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450,		